

AMENDMENTS TO THE CLAIMS

Please cancel claims 34, 35, 38, 39 and 48-63 and amend claims 32 and 37 as shown below.

Listing of Claims:

1. – 31. (Canceled)

32. (Currently Amended) A method, comprising:

aerosolizing a liquid formulation comprised of a pharmaceutically active drug;

supplying the current from a battery having a physical sign equivalent to or smaller than two standard D size electric cells;

heating the aerosol by application of the current from the battery to a wire coil comprising copper and a metal chosen from chromium and iron, the wire having a total heat capacity of about 0.2 to 4.35 J/°C and a gauge in a range of from about 16 to about 36 and weighting from about 0.5 gram to about 10 grams and having a surface area of about 10 cm².

33. (Previously Presented) The method of claim 32, further comprising:

drawing the aerosol through a channel comprising an air flow path and an opening into which air is inhaled.

34. (Canceled)

35. (Canceled)

36. (Previously Presented) The method of claim 33, further comprising:

sensing ambient conditions and adjusting current supplied based on sensed ambient conditions.

37. (Currently Amended) A drug delivery device, comprising:

a channel comprising an air flow path, a first opening into which air can be inhaled and a second opening comprising a mouthpiece from air can be drawn;

a heating element comprising a wire coil with a total heat capacity of about 0.2 to 4.35 J/°C and having a mass of about 0.5 gram to about 10 grams and a surface area of about 10cm² to about 150cm², and a resistance in a range of from about 0.5 ohm to about 5 ohms the heating element positioned in the flow path of the channel.

38. (Canceled)

39. (Canceled)

40. (Previously Presented) The device of claim 37, wherein the heating element has a mass of about 2 to 4 grams.

41. (Previously Presented) The device of claim 37, further comprising:
a portable source of power capable of supplying sufficient power to the heating element, over a period of less than or equal to one minute to enable the heating element to deliver about 150 to 350 Watts of energy to surrounding air in about 0.5 to 4.0 seconds.

42. (Previously Presented) The device of claim 41, where the portable power source comprises a battery capable of supplying a voltage within the range of about 1 to 20 Volts.

43. (Previously Presented) The device of claim 37, wherein the heating element is configured to deliver about 150 to 350 Watts of energy to surrounding air in about 0.5 to 4.0 seconds.

44. (Previously Presented) The device of claim 43, wherein the heating element is configured to deliver about 250 Watts of energy to surrounding air in about 1 to 2 seconds.

45. (Previously Presented) The device of claim 37, wherein the heating element comprises nickel chromium wire and has a mass of about 3 to 7 grams.

USSN: 10/618,064

46. (Previously Presented) The device of claim 45, wherein the heating element has a mass of about 5 grams.

47. (Previously Presented) The device of claim 37, wherein the heating element is capable of generating at least 20 joules of heat energy when connected with a portable power source over a period of less than or equal to one minute.

48. – 63. (Canceled)